

CLEAN SET OF CLAIMS

19. An isolated CD39L4 polypeptide comprising the amino acid sequence of SEQ ID NO:6 or the mature protein portion thereof.
20. An isolated polypeptide having phosphohydrolase activity comprising an enzymatically active fragment of the amino acid of SEQ ID NO:6.
21. An isolated polypeptide having phosphohydrolase activity comprising an amino acid sequence that has at least about 90% sequence identity to SEQ ID NO:6.
22. An isolated polypeptide having phosphohydrolase activity comprising an amino acid sequence encoded by a polynucleotide that hybridizes under highly stringent conditions to the nucleotide sequence of SEQ ID NO:5 or its complement.
23. A composition comprising the polypeptide of any one of claims 19-22 and a carrier.
24. The polypeptide according to any one of the claims 19-22 that comprises amino acid residues 47-68, 123-138, 167-187 and 194-214 of SEQ ID NO: 6.